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FEE TRANSMIT/PAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1250.00)

Complete if Known

Application Number	08/716,169
Filing Date	December 17, 1996
First Named Inventor	Stephen M. Anderton
Examiner Name	Patrick J. Nolan, Ph.D.
Art Unit	1644
Attorney Docket No.	0470-961125

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number
23-0650

Deposit Account Name

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	750	2001	375
1002	330	2002	165
1003	520	2003	260
1004	750	2004	375
1005	160	2005	80
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20** =	X	=	Fee from below	Fee Paid
				Extra Claims	
Independent Claims	-3** =	X	=		
Multiple Dependent					

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1202	18	2202	9
1201	84	2201	42
1203	280	2203	140
1204	84	2204	42
1205	18	2205	9
SUBTOTAL (2) (\$)			

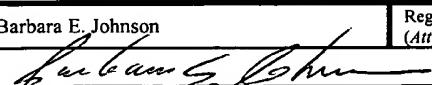
**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	410	2252	205
1253	930	2253	465
1254	1,450	2254	725
1255	1,970	2255	985
1401	320	2401	160
1402	320	2402	160
1403	280	2403	140
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,300	2453	650
1501	1,300	2501	650
1502	470	2502	235
1503	630	2503	315
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	750	2809	375
1810	750	2810	375
1801	750	2801	375
1802	900	1802	900
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 1250.00)	

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Barbara E. Johnson	Registration No. (Attorney/Agent)	31,198	Telephone	412-471-8815
Signature				Date	August 25, 2003

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